

Christopher J. Portier, Ph.D.

Associate Director, National Institute of Environmental Health Sciences, NIEHS

Director, Office of Risk Assessment Research, NIEHS
—coordinates all research activities related to risk assessment

Principle Investigator, Environmental Systems Biology, NIEHS
—conducts research on quantifying and modeling the interactions of mammalian systems with environmental agents

Former Director, Environmental Toxicology Program, NIEHS
—managed all intramural toxicology/pharmacology research at NIEHS, and all operations of the U.S. National Toxicology Program (NTP) with a budget in excess of \$100 million

Guest Researcher, German Cancer Research Center (Heidelberg), the Japanese National Institute of Environmental Sciences (Tskuba), and the World Health Organization (Geneva)



Dr. Portier is an internationally recognized expert in the design, analysis, and interpretation of environmental health data with a focus on carcinogenicity. His research efforts and interests include such diverse topics as cancer biology, risk assessment, biostatistics, bioinformatics, immunology, development, genetically modified foods, and genomics. In his career, Dr. Portier has built and managed his own research group, including a molecular biology laboratory. He has managed a large research organization and developed a strategic initiative for the NTP that is internationally recognized for its innovation. He has contributed to the development of cancer risk assessment guidelines for national (USEPA, FDA) and international (OECD, IPCS, IARC, and the governments of Australia, Korea, and Japan), and has either directed or contributed significantly to numerous risk assessments, most notably those for dioxins (USEPA, WHO/IPCS), aflatoxins (USFDA, FAO/IPCS) and electromagnetic fields (DOE/NIEHS, WHO/IPCS, IARC). He led the U.S. evaluation by national and international scientists of electromagnetic fields; the first comprehensive review in this field. Dr. Portier directed efforts of the U.S. government to develop a collaborative research agenda with Vietnam on the health effects of Agent Orange in that country. He has served as an advisor to the Finnish Academy of Sciences on the Centers of Excellence Research Program, as a member of numerous of WHO/IARC scientific committees, and as a reviewer for grants for the United States, the European Union, and many other sponsoring organizations.

Dr. Portier received his B.Sc. degree (1977) in mathematics (*summa cum laude*) and his M.S. (1979) and Ph.D. (1981) degrees in biostatistics. He has authored more than 150 peer-reviewed publications, 30 book chapters, and 40 technical reports. In the last 5 years, he has given 66 invited lectures, many of them at international meetings. Through Adjunct Professor positions at the University of North Carolina, North Carolina State University, and the University of Waterloo in Canada, he has directed nine Ph.D. theses. In addition, he has mentored more than 25 post-doctoral fellows at the NIEHS, most of whom come from non-U.S. universities.

He has received numerous awards including the prestigious Spiegelman Award from the American Public Health Association and the Outstanding Practitioner of the Year Award from the International Society for Risk Analysis. He is a Fellow of the International Statistics Institute, the World Innovation Foundation, and the American Statistical Association.